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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet of

Complete if Known	
Application Number	09/683158
Filing Date	11/27/2001
Applicants	Roche, Mgbokwere, Szuba, Samir
Group Art Unit	~~1762~~ 1725
Examiner Name	Not Yet Known I. Lin
Attorney Docket Number	201-0454

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No.[1]	DOCUMENT NUMBER Code[2]	Kind (if known)	NAME	DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4595600		Keeven et al.	06-17-86	
		5947179		Kinane et al.	09-07-99	
		5952056		Jordan et al.	09-14-99	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No.[1]	Foreign Patent Document Office[3]	Number[4]	Kind Code[5] (if known)	NAME	DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO	00/50177		Jordan et al.	08-31-00		

EXAMINER I. Lin DATE CONSIDERED 12/14/03

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known	
Application Number	[illegible]
Filing Date	[illegible]
Applicants	[illegible]
Group Art Unit	1725
Examiner Name	I. Lin
Attorney Docket Number	[illegible]

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
I.Lin	✓	K-H BUSSE; Arc Spraying Of Corded Wires; Thermal Spraying; June 1989; 19-28	
		STEEPER et al.; A Taguchi Experimental Design Study Of Twin-Wire Electric Arc Sprayed Aluminum Coatings; Proceedings of the International Thermal Spray Conference & Exposition; May 28-June 5 1992; 427-432; Orlando, FL.	
	✓	AKIRA OHMORI; Thermal Spraying Current Status And Future Trends; Proceedings of the 14th International Thermal Spray Conference; May 22-26 1995; 1197-1202; Kobe, Japan	
	✓	CRANE et al.; Relationships Between Process Variables, Structure And Mechanical Properties of Arc Sprayed Steel Coatings; Surface Engineering Conference; 1985; 103-118	
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	✓	FUSSELL et al.; A Sprayed Steel Tool for Permanent Mold Casting of Aluminum; SAE Technical Paper Series; April 22-26 1991; 1-7; Dayton, OH.	
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	✓	STEFFENS; Metallurgical Changes In The Arc Spraying Of Steel; British Welding Journal; October 1966; 597-605	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known	
Application Number	09/658,158
Filing Date	11-27-01
Applicants	
Group Art Unit	
Examiner Name	
Attorney Docket Number	321-0454

9-HX	✓	CRANE et al.; Relationships Between Process Variables, Structure and Mechanical Properties Of Arc Sprayed Steel Coatings; First International Conference On Surface Engineering; June 25-28 1985; 103-118; Brighton, UK	
	✓	KIM et al.; Heat Flow In Multi-Pass Arc Spraying Process; Surface And Coatings Technology; 1989; 398-408;	
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	✓	STEFFANS et al.; The Sonarc Process: Combining The Advantages Of Arc And HVOF Spraying; Journal Of Thermal Spray Technology; December 1994; 398-403; Volume 3(4)	
	✓	WEISS et al.; Rapid Prototyping Of Tools; Carnegie Mellon University; October 1989; 1-23	
	✓	BHARGAVA et al.; Automated Ejectability Analysis And Parting Surface Generation For Mold Tool Design; Carnegie Mellon University; May 1991; 1-29	
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	✓	CLYENS; Rapid Tooling Manufactured By Spray Tool Steel Directly Onto Stereolithography Models;	
	✓	HE et al.; Net Shape Simulation And Control; Proceedings Of The 7th National Thremal Spray Conference; June 20-24 1994; 415-419; Boston, MA	
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EXAMINER J. K. Nin DATE CONSIDERED 11/24/03

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) Sheet 1 of 2	Atty. Docket No. 201-0454DP	Serial No. 09/683,158
	First Named Inventor: Allen ROCHE	
	Filing Date 11 27 2001	Group Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	Document Number	Date of Publication	Name of Patentee or Applicant of Cited Document	Int'l. Class	U.S. Class
J.H.K	A1	4481237	11-06-1984	Bosshart et al.		
	A2	5424101	06-13-1995	Atkins et al.		
	A3	5430376	07-04-1995	Viertl		
	A4	5658506	08-19-1997	White et al.		
	A5	5947179	09-07-1999	Kinane et al.		
	A6	5952056	09-14-1999	Jordan et al.		

EXAMINER J. H. Kim	DATE CONSIDERED 1/24/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) Sheet 1 of 2	Atty. Docket No. 201-0454DP	Serial No. 09/683,158
	First Named Inventor: Allen ROCHE	
	Filing Date 11.27.2001	Group Unassigned

OTHER PRIOR ART – NON-PATENT LITERATURE DOCUMENTS

Examiner Initial	Cite No.	Include name of the author, title of the article, title of the item, date, page(s), volume-issue number(s), publisher, city and/or country where published
A.K	C1	Sprayform Tools and Dies Limited (STD), Video Transcript, publication date at least as early as 01 Sept. 2000.
	C2	RADIP TOOLING – Changing the Face of Manufacturing, Compact Disc Digital Data, dated 12 October 2000, trt: 10:50.
	C3	MERLE L. THORPE; and JOSEPH W. MINGE, SPRAY METAL COMPOSITE TOOLING, 26th Annual National SAMPE (Society For The Advancement Of Material And Process Engineering) Symposium And Exhibition, April 28-30, 1981, Pages 374-382, Figures 1-13 and Table I and II.
	C4	Co-pending United States Patent Application No. 09/683,160 entitled "Method And Arrangement For Implementing Heat Treatment During The Execution Of Sprayform Techniques" and filed 11/27/2001. Inv: ROCHE,
	C5	Co-pending United States Patent Application No. 09/683,157 entitled "Method And Arrangement For Implementing Heat Treatment After The Execution Of Sprayform Techniques" and filed 11/27/2001. Inv: ALLOR,

EXAMINER A. Kim	DATE CONSIDERED 12/24/03

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